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BT—13—2016

FACULTY OF COMPUTER STUDIES

M.Sc. (SE) (First Year) (First Semester) EXAMINATION

OCTOBER/NOVEMBER, 2016

(CBCS Pattern)

SOFTWARE ENGINEERING

(Linux Operating System and Administration)

(Monday, 21-11-2016)

Time : 10.00 a.m. to 1.00 p.m.

Time—Three Hours

Maximum Marks—75

N.B. :— (i) Q. No. 1 is compulsory.

(ii) Write answer brief and to the point.

1. Attempt any *three* of the following : 15
 - (a) Explain Linux shells in short.
 - (b) Explain Linux booting process.
 - (c) Explain Local printer installation.
 - (d) Explain Runlevels in Linux.
 - (e) Explain system monitoring tools.
2. Answer the following (any *three*) : 15
 - (a) Explain controlling services at boot.
 - (b) Explain wireless networking.
 - (c) Explain console print console.
 - (d) Explain network configuration tools in linux.
3. Solve the following (any *three*) : 15
 - (a) Explain configuring X using X free 86.
 - (b) Explain DHCP configuration.
 - (c) Explain rpm command.
 - (d) Explain linux file system.
4. Answer the following (any *three*) : 15
 - (a) Explain network printer installation.

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- (b) Explain hardware devices for networking.
 - (c) Explain starting and stopping services manually.
 - (d) Explain hardware requirement for Linux installation.
5. Write short notes on any *three* : 15
- (i) Cups
 - (ii) GRUB
 - (iii) Linux Flavors
 - (iv) NES
 - (v) Window manages.